

EPA Official Record

Notes ID: A2DF9E39B190757D852577A10045CE19

From: David Yogi/DC/USEPA/US

To: Brandon Perkins/R10/USEPA/US@EPA

Copy To: Crawford.Dave@epa.gov; Josephine L Bramble <jbramble2@csc.com>; Leslie Meador <lmeador@mindspring.com>; Myers.Robert@epa.gov

Delivered Date: 09/17/2010 05:44 AM PST

Subject: Re: Fw: TDD #9, EP-W-10-016, WA 1-01, SCDM Update

Hi Brandon,
Would you mind sending over a copy of the ATSDR report? Thanks for your help.

- David

David Yogi
U.S. Environmental Protection Agency
Office of Superfund Remediation and Technology Innovation
1200 Pennsylvania Avenue, NW (5204P)
Washington, DC 20460
Ph. (703) 347-8835
yogi.david@epa.gov

▼ David Yogi---09/16/2010 03:58:57 PM---Hi Everyone, I'll check in with Dave on this. Thanks, Josephine. - David

From: David Yogi/DC/USEPA/US
To: Josephine L Bramble <jbramble2@csc.com>
Cc: Crawford.Dave@epa.gov, Leslie Meador <lmeador@mindspring.com>, Myers.Robert@epa.gov, Perkins.Brandon@epamail.epa.gov
Date: 09/16/2010 03:58 PM
Subject: Re: Fw: TDD #9, EP-W-10-016, WA 1-01, SCDM Update

Hi Everyone,
I'll check in with Dave on this. Thanks, Josephine.

- David

David Yogi
U.S. Environmental Protection Agency
Office of Superfund Remediation and Technology Innovation
1200 Pennsylvania Avenue, NW (5204P)
Washington, DC 20460
Ph. (703) 347-8835
yogi.david@epa.gov

▼ Josephine L Bramble ---09/16/2010 03:10:51 PM---Hi All, When CSC reviewed Sulfolane (000126-33-0) in June 2010, none of the EPA-approved referenc

From: Josephine L Bramble <jbramble2@csc.com>
To: Yogi.David@epamail.epa.gov
Cc: Leslie Meador <lmeador@mindspring.com>, Perkins.Brandon@epamail.epa.gov, Crawford.Dave@epa.gov, Myers.Robert@epa.gov
Date: 09/16/2010 03:10 PM
Subject: Re: Fw: TDD #9, EP-W-10-016, WA 1-01, SCDM Update

Hi All,

When CSC reviewed Sulfolane (000126-33-0) in June 2010, none of the EPA-approved references for SCDM had toxicity data that can be used to generate benchmarks. The HRS specifies the types of benchmarks that are appropriate for evaluating sites for the NPL. The HRS requires use of cancer slope factors and RfDs to calculate cancer screening concentrations and non-cancer screening concentrations, respectively. The other HRS approved benchmarks (e.g., MCLs) are issued by a regulation (Please see HRS Section 2.5.2, *Comparison to benchmarks*). The data available for sulfolane from a SCDM reference are limited to acute toxicity data (e.g., LD50s). LD50 are not useable for calculating benchmarks.

The ATSDR report is not an approved SCDM reference. For purposes of assessing toxicity data that may qualify as a Tier 3 data source, EPA guidance issued in December 2003 [<http://www.epa.gov/oswer/riskassessment/pdf/hhmemo.pdf>] directs how Tier 3 toxicity data sources should be considered (Please note IRIS is Tier 1, STSC/PPRTV is Tier 2, and other peer review data sources (e.g. HEAST, ATSDR MMRL) can be considered Tier 3). CSC cannot use the ATSDR review unless directed by EPA Headquarters to do so. Please consult with Dave Crawford of EPA HQ for additional guidance.

Please let me know if we can be of any further assisatnce.

Thanks,

Josephine Bramble
Senior Environmental Scientist
CSC

6101 Stevenson Ave, Alexandria, VA 22304
Science, Engineering and Mission Support | p: +1-703.461.2453 | p: (T/TH) +1-540.720.4292 | f: +1-703.461-2020 | jbramble2@csc.com | www.csc.com

This is a PRIVATE message. If you are not the intended recipient, please delete without copying and kindly advise us by e-mail of the mistake in delivery.

NOTE: Regardless of content, this e-mail shall not operate to bind CSC to any order or other contract unless pursuant to explicit written agreement or government initiative expressly permitting the use of e-mail for such purpose.

-----Yogi.David@epamail.epa.gov wrote: -----

To: Leslie Meador <lmeador@mindspring.com>
From: Yogi.David@epamail.epa.gov
Date: 09/16/2010 01:03PM
cc: Josephine L Bramble/FED/CSC@CSC, Perkins.Brandon@epamail.epa.gov
Subject: Fw: TDD #9, EP-W-10-016, WA 1-01, SCDM Update

Hi Leslie and Josepine,

Please note Brandon's e-mail below. I will be sending a revised TDD with the correct spelling. Thanks for your help.

- David

David Yogi
U.S. Environmental Protection Agency
Office of Superfund Remediation and Technology Innovation
1200 Pennsylvania Avenue, NW (5204P)
Washington, DC 20460
Ph. (703) 347-8835
yogi.david@epa.gov

----- Forwarded by David Yogi/DC/USEPA/US on 09/16/2010 01:02 PM -----

From: Brandon Perkins/R10/USEPA/US
To: David Yogi/DC/USEPA/US@EPA
Date: 09/16/2010 12:53 PM
Subject: Re: TDD #9, EP-W-10-016, WA 1-01, SCDM Update

Hi David

I wanted to let you know the compound is spelled wrong in the TDD. The correct spelling is Sulfolane. I think Ken misspelled it in his email to you. The compound is also known as tetrahydrothiophene, 1, 1-dioxide. CAS # 000126-33-0. CCS has already developed the assigned factor values for the compound but what we need is a benchmark under the groundwater pathway.

Brandon Perkins
Office of Environmental Cleanup
U.S. Environmental Protection Agency, Region 10
206-553-6396

From: David Yogi/DC/USEPA/US
To: Leslie Meador <lmeador@mindspring.com>
Cc: Corey Kerzhner/DC/USEPA/US@EPA, Terry Jeng/DC/USEPA/US@EPA, Robert Myers/DC/USEPA/US@EPA, Ken Marcy/R10/USEPA/US@EPA, Brandon Perkins/R10/USEPA/US@EPA
Date: 09/16/2010 07:47 AM
Subject: TDD #9, EP-W-10-016, WA 1-01, SCDM Update

Hi Leslie,
Attached below is TDD #9. If you have any questions, please feel free to contact me. Thanks.

[attachment "CSC_1-01_SCDM_Update_TDD_09.doc" deleted by Brandon Perkins/R10/USEPA/US]

- David

David Yogi

U.S. Environmental Protection Agency
Office of Superfund Remediation and Technology Innovation
1200 Pennsylvania Avenue, NW (5204P)
Washington, DC 20460
Ph. (703) 347-8835
yogi.david@epa.gov